

CMSC330 Spring 2013 Practice Problems 9

1. Operational semantics

Use operational semantics to determine the values of the following OCaml codes:

- a. 1
- b. + 3 7
- c. + 1 (+ 2 3)
- d. (fun x = 4) 5
- e. (fun x = + x 6) 7
- f. (fun x = (fun y = + y x)) 8 9

2. Programming languages

- a. Describe 2 differences between HTML and XML.
- b. Describe the difference between query languages and programming languages.

3. Markup languages

- a. Creating your own XML tags, write an XML document that organizes the following information: 1-hour test on Spanish Monday in Jiménez worth 15%. 1-hour test on Computers Tuesday in CSIC worth 10%. 30-minute test on Computers Friday in AVW worth 5%.